



CONFÉRENCE, PASSÉ

Perception de l'art : principes physiques et défis scientifiques

Date de début : 16 octobre 2023 - **Date de fin** : 18 octobre 2023

A workshop funded by the National Science Foundation (NSF), as part of a wider programme on Exploring the Intersection of Science and Art.

The aim is to explore how viewers experience visual art by integrating a variety of different research approaches and techniques, such as EEG, fMRI, eye tracking, psychological and behavioral studies, and explainable neural networks. While a number of researchers work on these subjects individually, the workshop will hopefully help start a more cohesive community. The interest, from the scientific point of view, is to identify general principles of the perception of art and promising new approaches. We anticipate that a multidisciplinary character of the workshop, bringing together physicists, mathematicians, biologists, neuroscientists, computer scientists, cognitive scientists, and psychiatrists—as well as practicing artists—will prove conducive to a productive exchange of ideas, and will stimulate new research directions.

The workshop takes place in the recently refurbished Perrin building, labelled "Laboratoire de chimie physique - matière et rayonnement" on map below, opposite the historical building of IHP.

URL de la page : <https://www.ihp.fr/fr/actualites-activites-de-recherche/perception-de-lart-principes-physiques-et-defis-scientifiques>



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Exploring the Intersection of Science and Art project

See <https://art-math-science.net/projects/>



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HORAIRES

L'institut :

- lundi au vendredi de 8h30 à 18h,
- fermé les jours fériés.

Le musée - Maison Poincaré :

- lundi, mardi, jeudi et vendredi de 9h30 à 17h30,
- samedi de 10h à 18h,
- fermé le mercredi et le dimanche.

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